

08/15/01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No 04813.0018.NPUS00

First Inventor Jeffrey A. Colborn

Title METAL FUEL CELL SYSTEM FOR  
PROVIDING BACKUP POWER TO  
ONE OR MORE LOADS

Express Mail Label No EL 711909683US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27
3. ☒ Specification [Total Pages 21]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a  
computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. §113) [Total Pages 4]
5. ☐ Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior  
application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [ ] Power of Attorney  
(where there is an assignee)
11. ☐ English Translation document (if applicable)
12. ☐ Information Disclosure Statement [ ] Copies of IDS  
(IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant  
must attach form PTO/SB/35 or its equivalent
17. ☒ Other Petition To Make Special

**18. If a CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No

Prior application information.

Examiner

Group / Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

27240

or ☐ Correspondence address below

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Name (Print/Type)	Robert C. Laurenson	Registration No. (Attorney/Agent)	34,206
Signature	Robert C. Laurenson		Date August 15, 2001

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

08-16-01

Howrey Docket No. 04813.0018.NPUS00  
Express Mail No. EL 711909683US

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**Box Patent Application**

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of JEFFREY A. COLBORN, titled **"Metal Fuel Cell System for Providing Backup Power to One or More Loads"**.

The following documents are enclosed for appropriate action:

1. Utility Patent Application Transmittal
2. Patent Application – 21 pages
3. Drawings – 4 pages (Figs. 1-4)
4. Petition to Make Special, along with Exhibits A and B; and
5. Return Postcard

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	50-20=	30
INDEP. CLAIMS	5-3 =	2
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		


\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY	
RATE	FEE
	\$355.00
x 9 =	270.00
x 40 =	80.00
+ 135 =	135.00
TOTAL	\$840.00

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 710.00
x 18 =	0.00
x 80 =	0.00
+ 270 =	0.00
TOTAL	0.00

This application is being filed under 37 C.F.R. §1.53(b)(1) without declaration and filing fee.

HOWREY SIMON ARNOLD &amp; WHITE, LLP



Robert C. Laurenson, Reg. No. 34,206

Date: August 15, 2001

08/15/01  
JC839 U.S. PTO

JC857 U.S. PTO  
09/930394  
08/15/01